

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Spring 2012 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles
Unit No. 01 Steamboat Slough	Right	6.76

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2012 - 4/25/2012			
DWR Inspector	Herman Phillips			
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough		Right	6.76	04/25/2012 04/25/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Operations & Maintenance Manuals	LS	M Ma		°	°	57
								DWR ID: DWR_RD0501_01_s_2012_57		
2			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	58
								DWR ID: DWR_RD0501_01_s_2012_58		
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	59
								DWR ID: DWR_RD0501_01_s_2012_59		
4	0.01	0.01	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.254186 ° -121.601566 °	38.254186 ° -121.601566 °	35 Y
								DWR ID: DWR_RD0501_01_s_2012_35		
5	0.03	0.03	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.254075 ° -121.601838 °	38.254025 ° -121.601928 °	2
								DWR ID: DWR_RD0501_01_s_2012_2		
6	0.04	0.07	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.230288 ° 38.253518 °	-121.603781 ° -121.602252 °	4
								DWR ID: DWR_RD0501_01_s_2012_4		
7	0.04	0.27	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.253853 ° -121.601921 °	38.250719 ° -121.603080 °	1
								DWR ID: DWR_RD0501_01_s_2012_1		
8	0.13	0.24	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The District trimmed the fig trees less than 2-inches instead of removing them completely from the levee. If the tree is less than 2-inches it can be removed from the levee. The fig trees should not be on the levee anyway.	38.252764 ° -121.602715 °	38.251251 ° -121.603084 °	3 Y
								DWR ID: DWR_RD0501_01_s_2012_3		
9	0.13	0.37	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.252658 ° -121.602835 °	38.249205 ° -121.603128 °	67
								DWR ID: DWR_RD0501_01_s_2012_67		
10	0.25	0.29	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.250931 ° -121.603154 °	38.250429 ° -121.603086 °	45 Y
								DWR ID: DWR_RD0501_01_s_2012_45		
11	0.26	0.28	Earthen Levee	Trim / Thin Trees	LS	U Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: There is a thick growth of fig trees that should be removed from levee section that blocks the view of the levee slope.	38.250927 ° -121.603107 °	38.250610 ° -121.603111 °	5 Y
								DWR ID: DWR_RD0501_01_s_2012_5		
12	0.30	0.35	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.250261 ° -121.603126 °	38.249562 ° -121.603105 °	6
								DWR ID: DWR_RD0501_01_s_2012_6		

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 01 Steamboat Slough					Right	6.76	04/25/2012 04/25/2012	Herman Phillips		
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
13	0.51	0.51	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.247310 ° 121.602876 °	38.247310 ° -121.602876 °	963
DWR ID: DWR_RD0501_01_s_2012_963										
14	0.55	0.55	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.246798 ° -121.602872 °	38.246798 ° -121.602872 °	7
DWR ID: DWR_RD0501_01_s_2012_7										
15	0.66	0.70	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.245010 ° -121.602955 °	38.244523 ° -121.602940 °	18
DWR ID: DWR_RD0501_01_s_2012_18										
16	0.67	0.67	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.244962 ° -121.602950 °	38.244962 ° -121.602950 °	967
DWR ID: DWR_RD0501_01_s_2012_967										
17	0.68	0.70	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.244926 ° -121.602901 °	38.244541 ° -121.602938 °	8
DWR ID: DWR_RD0501_01_s_2012_8										
18	0.69	1.20	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.244667 ° -121.602967 °	38.237470 ° -121.604418 °	71
DWR ID: DWR_RD0501_01_s_2012_71										
19	0.70	0.75	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.244540 ° -121.602937 °	38.243835 ° -121.603057 °	10
DWR ID: DWR_RD0501_01_s_2012_10										
20	0.75	0.94	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: There is wild berries growing on levee slope and toe that blocks the view of the levee.	38.243835 ° -121.603057 °	38.241204 ° -121.603568 °	9 Y
DWR ID: DWR_RD0501_01_s_2012_9										
21	1.00	1.17	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240333 ° -121.603863 °	38.237953 ° -121.604482 °	969
DWR ID: DWR_RD0501_01_s_2012_969										
22	1.22	1.86	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.237268 ° -121.604424 °	38.228141 ° -121.604157 °	12
DWR ID: DWR_RD0501_01_s_2012_12										
23	1.31	2.16	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.235877 ° -121.604325 °	38.223788 ° -121.603603 °	970
DWR ID: DWR_RD0501_01_s_2012_970										
24	1.55	1.74	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild growth of berries on slope and toe.	38.232531 ° -121.603485 °	38.229930 ° -121.603892 °	13 Y
DWR ID: DWR_RD0501_01_s_2012_13										
25	2.04	2.10	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site.	38.225500 ° -121.603887 °	38.224738 ° -121.603750 °	26
DWR ID: DWR_RD0501_01_s_2012_26										
26	2.24	2.29	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.222758 ° -121.603348 °	38.222030 ° -121.603303 °	27
DWR ID: DWR_RD0501_01_s_2012_27										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough		Right	6.76	04/25/2012 04/25/2012	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
27	2.36	2.37	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.221045 ° -121.603584 °	38.220902 ° -121.603631 °	964
DWR ID: DWR_RD0501_01_s_2012_964										
28	2.38	3.76	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.220732 ° -121.603734 °	38.202810 ° -121.613523 °	31
DWR ID: DWR_RD0501_01_s_2012_31										
29	2.44	4.14	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.219976 ° -121.604168 °	38.197748 ° -121.616084 °	14
DWR ID: DWR_RD0501_01_s_2012_14										
30	2.55	2.60	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.218470 ° -121.605105 °	38.217875 ° -121.605532 °	32
DWR ID: DWR_RD0501_01_s_2012_32										
31	2.67	2.73	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.217030 ° -121.606303 °	38.216408 ° -121.607057 °	34
DWR ID: DWR_RD0501_01_s_2012_34										
32	2.80	2.80	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2009 - Rock is starting to unravel, probably from a tree pop-out, hard toe. 2011: No observed change. [2011 Site ID: STM_18-9_R]	38.214075 ° -121.608750 °	38.214838 ° -121.608129 °	40 Y
DWR ID: DWR_RD0501_01_s_2012_40										
33	2.84	3.31	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.215112 ° -121.608273 °	38.208925 ° -121.611162 °	36
DWR ID: DWR_RD0501_01_s_2012_36										
34	2.92	2.97	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.214235 ° -121.608993 °	38.213547 ° -121.609527 °	37
DWR ID: DWR_RD0501_01_s_2012_37										
35	2.93	3.03	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2000 - Slow erosion of lower and mid-slope with rock bench at the low water line. 2011: No observed change. [2011 Site ID: STM_18-8_R]	38.212573 ° -121.609760 °	38.211596 ° -121.609928 °	42 Y
DWR ID: DWR_RD0501_01_s_2012_42										
36	3.20	3.24	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.210429 ° -121.610503 °	38.209974 ° -121.610703 °	15
DWR ID: DWR_RD0501_01_s_2012_15										
37	3.27	3.33	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.209548 ° -121.610882 °	38.208632 ° -121.611275 °	41
DWR ID: DWR_RD0501_01_s_2012_41										
38	3.34	3.36	Earthen Levee	Trim / Thin Trees	LS	U Ma	T1 : Trim trees to at least five feet above ground level. Inspector Comments: The District need to do a better job in controlling the wild growth of trees on the levee section.	38.208468 ° -121.611348 °	38.208292 ° -121.611437 °	43 Y
DWR ID: DWR_RD0501_01_s_2012_43										
39	3.48	3.48	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.206744 ° -121.612162 °	38.206742 ° -121.612164 °	54 Y
DWR ID: DWR_RD0501_01_s_2012_54										
40	3.55	5.08	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.205654 ° -121.612549 °	38.194993 ° -121.631661 °	28
DWR ID: DWR_RD0501_01_s_2012_28										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
41	3.60	3.66	Earthen Levee	Trim / Thin Trees	LS	M Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	38.204983 ° -121.612868 °	38.204227 ° -121.613045 °	47
DWR ID: DWR_RD0501_01_s_2012_47										
42	3.74	3.76	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.202997 ° -121.613447 °	38.202730 ° -121.613520 °	49
DWR ID: DWR_RD0501_01_s_2012_49										
43	3.76	3.80	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.202820 ° -121.613498 °	38.202197 ° -121.613732 °	50
DWR ID: DWR_RD0501_01_s_2012_50										
44	3.76	3.80	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.202812 ° -121.613495 °	38.202213 ° -121.613733 °	51
DWR ID: DWR_RD0501_01_s_2012_51										
45	3.76	4.16	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.202818 ° -121.613545 °	38.197492 ° -121.616342 °	79
DWR ID: DWR_RD0501_01_s_2012_79										
46	3.77	4.14	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.202657 ° -121.613553 °	38.197778 ° -121.616080 °	974
DWR ID: DWR_RD0501_01_s_2012_974										
47	3.79	3.94	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.201907 ° -121.613812 °	38.199851 ° -121.614710 °	39 Y
DWR ID: DWR_RD0501_01_s_2012_39										
48	3.80	4.14	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild growth of berries 3-5 foot tall from shoulder to toe of slope.	38.202193 ° -121.613735 °	38.197748 ° -121.616083 °	16 Y
DWR ID: DWR_RD0501_01_s_2012_16										
49	4.00	4.07	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.198350 ° 38.197710 °	-121.615500 ° -121.616110 °	11 Y
DWR ID: DWR_RD0501_01_s_2012_11										
50	4.18	4.24	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.197277 ° -121.616550 °	38.196657 ° -121.617286 °	17
DWR ID: DWR_RD0501_01_s_2012_17										
51	4.18	4.37	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.197254 ° -121.616522 °	38.195576 ° -121.619088 °	29
DWR ID: DWR_RD0501_01_s_2012_29										
52	4.41	4.41	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.195332 ° -121.619749 °	38.195310 ° -121.619801 °	19
DWR ID: DWR_RD0501_01_s_2012_19										
53	4.98	4.99	Earthen Levee	Encroachments	LS	M Ma	EQ : Equipment	38.195057 ° -121.629965 °	38.195068 ° -121.630173 °	977
DWR ID: DWR_RD0501_01_s_2012_977										
54	5.36	5.36	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.193346 ° -121.636419 °	38.193346 ° -121.636419 °	25
DWR ID: DWR_RD0501_01_s_2012_25										
55	5.42	5.46	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.192878 ° -121.637332 °	38.192588 ° -121.637802 °	978
DWR ID: DWR_RD0501_01_s_2012_978										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
56	5.73	5.75	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2008 - Overstepped levee section with multiple small pockets of erosion 10 - 20 ft wide. 2011: No observed changes. [2011 Site ID: STM_15-7_R]	38.190001 ° -121.643160 °	38.189311 ° -121.643917 °	44 Y
DWR ID: DWR_RD0501_01_s_2012_44										
57	5.75	5.79	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.190590 ° -121.642468 °	38.190246 ° -121.643164 °	24
DWR ID: DWR_RD0501_01_s_2012_24										
58	5.92	6.21	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.188929 ° -121.644645 °	38.185941 ° -121.648359 °	20
DWR ID: DWR_RD0501_01_s_2012_20										
59	5.93	5.93	Earthen Levee	Encroachments	WS	U Ma	PI : Pipe Inspector Comments: The land owner has started installing a new pipe and pump at this location without a permit. He has been given instruction to stop all work until a permit is issued. The District has instructed him to get permit.	38.193329 ° -121.636872 °	38.193329 ° -121.636872 °	33 Y
DWR ID: DWR_RD0501_01_s_2012_33										
60	6.53	6.73	Earthen Levee	Encroachments	WS	M En	FE : Fences	38.184540 ° -121.653865 °	38.183924 ° -121.657321 °	21
DWR ID: DWR_RD0501_01_s_2012_21										
61	6.53	6.73	Earthen Levee	Vegetation	WS	M En	V6 : Landscaping	38.184539 ° -121.653865 °	38.183923 ° -121.657321 °	22
DWR ID: DWR_RD0501_01_s_2012_22										
62	6.63	6.67	Earthen Levee	Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.184136 ° -121.655762 °	38.184040 ° -121.656291 °	23
DWR ID: DWR_RD0501_01_s_2012_23										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 501 Unit 1 Looking downstream from levee mile 0.00. Photo taken 4-25-2012.	
phillips_s_20120524_443.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.13
End Levee Mile	0.24
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Levee mile 0.13: District need to remove the fig trees from levee section on the land side, not trim them up like shown in this photo. All these shown here are less than 2-inches in diameter.	
phillips_s_20120306_138.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.25
End Levee Mile	0.29
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream landward shoulder levee miles 0.25-0.29. Photo taken 4-25-2012.	
phillips_s_20120524_444.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	0.26
End Levee Mile	0.28
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>New photo of unsatisfactory tree growth on levee miles 0.26-0.28 looking upstream from the landside shoulder. Photo taken 4-19-11.</p>	
<p>phillips_s_20120306_140.jpg</p>	



Levee Mile Report Line	20
Start Levee Mile	0.75
End Levee Mile	0.94
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>The berries here completely block the view of the levee section. Standing at levee mile 0.75 looking downstream to levee mile 0.94. Photo taken 11-03-2010</p>	
<p>phillips_s_20120306_141.jpg</p>	



Levee Mile Report Line	20
Start Levee Mile	0.75
End Levee Mile	0.94
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>New photo for levee mile 0.75-0.94 RD 501 Unit 1. Photo taken 11-29-2011.</p>	
<p>phillips_s_20120306_142.jpg</p>	



<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b></p> <p>Ma : Maintenance Deficiency Ob : Design &amp; System Obsolescence En : Enforcement</p>
---	---	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	24
Start Levee Mile	1.55
End Levee Mile	1.74
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream landside slope and toe , unsatisfactory growth. Photo taken 4-25-2012.	
phillips_s_20120524_445.jpg	



Levee Mile Report Line	32
Start Levee Mile	2.80
End Levee Mile	2.80
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
phillips_s_20120306_155.jpg	



Levee Mile Report Line	32
Start Levee Mile	2.80
End Levee Mile	2.80
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
phillips_s_20120306_156.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	35
Start Levee Mile	2.93
End Levee Mile	3.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

phillips\_s\_20120306\_157.jpg



Levee Mile Report Line	38
Start Levee Mile	3.34
End Levee Mile	3.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Wild growth of trees on the landward shoulder and slope on levee. Standing at levee mile 3.34 looking downstream to levee mile 3.36.

phillips\_s\_20120306\_158.jpg



Levee Mile Report Line	38
Start Levee Mile	3.34
End Levee Mile	3.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Standing on levee mile 3.34 looking downstream towards levee mile 3.36 landward of Unit 1 RD 501 at the unsatisfactory wild growth on the levee slope. Photo taken 4-19-11

phillips\_s\_20120306\_159.jpg



<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b></p> <p>Ma : Maintenance Deficiency Ob : Design &amp; System Obsolescence En : Enforcement</p>
---	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	38
Start Levee Mile	3.34
End Levee Mile	3.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Another photo of the unsatisfactory growth on levee slope from levee mile 3.34 to 3.36. Photo taken 4-19-11.</p> <p>phillips_s_20120306_160.jpg</p>	



Levee Mile Report Line	39
Start Levee Mile	3.48
End Levee Mile	3.48
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>Looking downstream from levee mile 3.27. Photo taken 4-25-2012.</p> <p>phillips_s_20120524_447.jpg</p>	



Levee Mile Report Line	47
Start Levee Mile	3.79
End Levee Mile	3.94
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>Unsatisfactory growth on waterside levee section levee mile 3.79-3.94. Photo taken 11-29-2011.</p> <p>phillips_s_20120306_154.jpg</p>	



<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b></p> <p>Ma : Maintenance Deficiency Ob : Design &amp; System Obsolescence En : Enforcement</p>
---	---	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	48
Start Levee Mile	3.80
End Levee Mile	4.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream levee mile 3.80- 4.14. Photo taken 4-25-2012.	
phillips_s_20120524_446.jpg	



Levee Mile Report Line	49
Start Levee Mile	4.00
End Levee Mile	4.07
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking downstream at waterside unsatisfactory growth on the levee slope. No change from fall inspection. Photo taken 4-19-11.	
phillips_s_20120306_144.jpg	



Levee Mile Report Line	56
Start Levee Mile	5.73
End Levee Mile	5.75
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
phillips_s_20120306_161.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	56
Start Levee Mile	5.73
End Levee Mile	5.75
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

phillips\_s\_20120306\_162.jpg



Levee Mile Report Line	56
Start Levee Mile	5.73
End Levee Mile	5.75
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

phillips\_s\_20120306\_163.jpg



Levee Mile Report Line	59
Start Levee Mile	5.93
End Levee Mile	5.93
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Photo of unauthorized pipe, pump and electrical box placed on waterward slope.

phillips\_s\_20120306\_151.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	59
Start Levee Mile	5.93
End Levee Mile	5.93
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Another view of the unauthorized pipe. At levee mile 5.93. Unit 1 RD 501. Photo taken 4-19-11.

phillips\_s\_20120306\_152.jpg



Levee Mile Report Line	59
Start Levee Mile	5.93
End Levee Mile	5.93
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Photo taken of new pump structure. Photo taken 4-25-2012.

phillips\_s\_20120524\_448.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles
Unit No. 02 Cache Slough	Left	3.57

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2012 - 4/25/2012			
DWR Inspector	Herman Phillips			
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	04/25/2012 04/25/2012	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.188260 ° -121.648701 °	38.188260 ° -121.648701 °	14 Y
DWR ID: DWR_RD0501_02_s_2012_14										
2	0.00	0.08	Earthen Levee	Encroachments	WS En	M	FE : Fences	38.184050 ° -121.657713 °	38.185178 ° -121.658515 °	2 Y
DWR ID: DWR_RD0501_02_s_2012_2										
3	0.49	3.50	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.190509 ° -121.656805 °	38.227237 ° -121.673078 °	9 Y
DWR ID: DWR_RD0501_02_s_2012_9										
4	0.53	0.53	Earthen Levee	Trim / Thin Trees	WS Ma	M	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	38.191117 ° -121.656468 °	38.191170 ° -121.656437 °	11 Y
DWR ID: DWR_RD0501_02_s_2012_11										
5	1.03	1.03	Supplemental Levee	USACE Erosion Survey	WS Ma	M	Inspector Comments: 2005 - Large vertical sections due to wave wash. New stone dumped on the bank with exposed geotextile. Cohesive toe has thin weak stratigraphic unit that is washing out. 2006 - Partially repaired, but 100 ft in the middle of the reach has exposed filter fabric and stone riprap is gone. 2010 - Site extended downstream to include new erosion pocket. 2011: No observed change. [2011 Site ID: CHS_15-9_L]	38.199128 ° -121.655881 °	38.200146 ° -121.655638 °	6 Y
DWR ID: DWR_RD0501_02_s_2012_6										
6	1.03	1.03	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E1 : Note and monitor erosion site.	38.198153 ° -121.655614 °	38.198153 ° -121.655614 °	10 Y
DWR ID: DWR_RD0501_02_s_2012_10										
7	1.07	1.11	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.198602 ° -121.655605 °	38.199148 ° -121.655490 °	8 Y
DWR ID: DWR_RD0501_02_s_2012_8										
8	1.98	3.02	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.226175 ° -121.604013 °	38.212626 ° -121.609959 °	3 Y
DWR ID: DWR_RD0501_02_s_2012_3										
9	1.98	3.02	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.207621 ° -121.656219 °	38.220184 ° -121.670834 °	5 Y
DWR ID: DWR_RD0501_02_s_2012_5										
10	2.92	2.93	Earthen Levee	Animal Control	LS Ma	M	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.218890 ° -121.669934 °	38.218997 ° -121.669988 °	4 Y
DWR ID: DWR_RD0501_02_s_2012_4										
11	3.43	3.43	Earthen Levee	Trim / Thin Trees	LS Ma	M	T1 : Trim trees to at least five feet above ground level.	38.225823 ° -121.672837 °	38.225823 ° -121.672837 °	16 Y
DWR ID: DWR_RD0501_02_s_2012_16										
12	3.44	3.44	Earthen Levee	Trim / Thin Trees	LS Ma	M	T1 : Trim trees to at least five feet above ground level.	38.225987 ° -121.672870 °	38.225987 ° -121.672870 °	18 Y
DWR ID: DWR_RD0501_02_s_2012_18										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 501 Unit 2. Looking downstream from levee mile 0.00. Photo taken 4-25-2012.

phillips\_s\_20120524\_449.jpg



Levee Mile Report Line	5
Start Levee Mile	1.03
End Levee Mile	1.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

phillips\_s\_20120306\_164.jpg



Levee Mile Report Line	5
Start Levee Mile	1.03
End Levee Mile	1.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

phillips\_s\_20120306\_165.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	6
Start Levee Mile	1.03
End Levee Mile	1.03
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
<p>Down at the base of the tree and the stake in view is bank erosion. This site was discovered 2-11 by a resident of the Hester property on the landside of the levee. The District has placed material in the eroded area however more is needed. Photo was taken 4-19-11.</p>	
<p>phillips_s_20120306_166.jpg</p>	



<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b></p> <p>Ma : Maintenance Deficiency Ob : Design &amp; System Obsolescence En : Enforcement</p>
---	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles
Unit No. 03 Miner Slough	Left	7.82

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2012 - 4/25/2012			
DWR Inspector	Herman Phillips			
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough				Left	7.82	04/25/2012 04/25/2012	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.227815 ° -121.673129 °	38.227815 ° -121.673129 °	1 Y
DWR ID: DWR_RD0501_03_s_2012_1										
2	0.00	3.18	Earthen Levee	Vegetation	WS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.227757 ° -121.673087 °	38.259079 ° -121.651375 °	9 Y
DWR ID: DWR_RD0501_03_s_2012_9										
3	0.01	0.64	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.227992 ° -121.673061 °	38.234754 ° -121.665461 °	10 Y
DWR ID: DWR_RD0501_03_s_2012_10										
4	0.10	0.79	Earthen Levee	Vegetation	WS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.229064 ° -121.672201 °	38.236694 ° -121.665180 °	12 Y
DWR ID: DWR_RD0501_03_s_2012_12										
5	0.10	0.64	Earthen Levee	Vegetation	LS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.229065 ° -121.672201 °	38.229063 ° -121.672203 °	11 Y
DWR ID: DWR_RD0501_03_s_2012_11										
6	1.01	1.12	Earthen Levee	Cracking	CR Ma	M	CR1 : Monitor and have inspected by geotechnical engineer.	38.240026 ° -121.664694 °	38.241008 ° -121.663361 °	13 Y
DWR ID: DWR_RD0501_03_s_2012_13										
7	1.21	1.46	Earthen Levee	Cracking	CR Ma	M	CR2 : Schedule repair of subsidence prior to the next inspection.	38.241850 ° -121.661958 °	38.243607 ° -121.658435 °	14 Y
DWR ID: DWR_RD0501_03_s_2012_14										
8	1.57	1.57	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.246660 ° -121.688600 °	38.666000 ° -121.690000 °	43 Y
DWR ID: DWR_RD0501_03_s_2012_43										
9	1.65	1.73	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.206996 ° -121.655952 °	38.208065 ° -121.655999 °	7 Y
DWR ID: DWR_RD0501_03_s_2012_7										
10	1.87	2.03	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.209280 ° -121.656263 °	38.209890 ° -121.659350 °	5 Y
DWR ID: DWR_RD0501_03_s_2012_5										
11	2.60	2.75	Earthen Levee	Trim / Thin Trees	WS Ma	M	T1 : Trim trees to at least five feet above ground level.	38.257445 ° -121.651437 °	38.258759 ° -121.651449 °	3 Y
DWR ID: DWR_RD0501_03_s_2012_3										
12	2.65	2.77	Earthen Levee	Trim / Thin Trees	WS Ma	M	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.257278 ° -121.651417 °	38.259067 ° -121.651462 °	16 Y
DWR ID: DWR_RD0501_03_s_2012_16										
13	2.66	2.78	Earthen Levee	Vegetation	WS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Unsatisfactory wild growth on waterside shoulder and slope.	38.258066 ° -121.651476 °	38.259805 ° -121.651380 °	4 Y
DWR ID: DWR_RD0501_03_s_2012_4										
14	3.52	3.55	Earthen Levee	Trim / Thin Trees	WS Ma	U	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.265523 ° -121.642537 °	38.265778 ° -121.642243 °	21 Y
DWR ID: DWR_RD0501_03_s_2012_21										
15	3.54	5.00	Earthen Levee	Vegetation	LS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.227748 ° -121.673086 °	38.283419 ° -121.643308 °	8 Y
DWR ID: DWR_RD0501_03_s_2012_8										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough		Left	7.82	04/25/2012 04/25/2012	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	3.62	3.90	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.266655 ° -121.641495 °	38.270148 ° -121.641530 °	46
DWR ID: DWR_RD0501_03_s_2012_46										
17	3.62	3.64	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.266666 ° -121.641475 °	38.266857 ° -121.641280 °	15
DWR ID: DWR_RD0501_03_s_2012_15										
18	3.69	3.70	Earthen Levee	Trim / Thin Trees	LS	U Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Wild growth has completely covered the slope on landside. There need to be some brush removal to see slope.	38.267485 ° -121.640667 °	38.267578 ° -121.640507 °	22 Y
DWR ID: DWR_RD0501_03_s_2012_22										
19	3.71	3.73	Earthen Levee	Encroachments	LS	M En	BU : Buildings	38.267642 ° -121.640452 °	38.267907 ° -121.640327 °	23
DWR ID: DWR_RD0501_03_s_2012_23										
20	3.79	4.82	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.268859 ° -121.640524 °	38.280924 ° -121.640725 °	17 Y
DWR ID: DWR_RD0501_03_s_2012_17										
21	4.06	4.16	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.272307 ° -121.641668 °	38.273723 ° -121.641085 °	47
DWR ID: DWR_RD0501_03_s_2012_47										
22	4.87	4.92	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.281437 ° -121.641331 °	38.281656 ° -121.642234 °	18
DWR ID: DWR_RD0501_03_s_2012_18										
23	5.20	6.52	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.286315 ° -121.643147 °	38.290268 ° -121.627290 °	19
DWR ID: DWR_RD0501_03_s_2012_19										
24	5.50	5.50	Earthen Levee	Erosion / Bank Caving	WS	U Ma	E1 : Note and monitor erosion site. Inspector Comments: This site has been noted by the District and landowner, field report has been done on the problem and we are waiting to hear from the CVFPB to proceed with repairs.	38.288970 ° -121.644170 °	38.288970 ° -121.644170 °	2 Y
DWR ID: DWR_RD0501_03_s_2012_2										
25	5.57	5.75	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District in process of burning both water side and land side of the remainder of this unit working their way to unit 4.	38.289092 ° -121.643378 °	38.289662 ° -121.640412 °	27
DWR ID: DWR_RD0501_03_s_2012_27										
26	6.43	6.52	Earthen Levee	Trim / Thin Trees	WS	U Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.290750 ° -121.628772 °	38.290268 ° -121.627285 °	6 Y
DWR ID: DWR_RD0501_03_s_2012_6										
27	7.65	7.65	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.286785 ° -121.608583 °	38.286785 ° -121.608583 °	40
DWR ID: DWR_RD0501_03_s_2012_40										
28	7.67	7.69	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.286653 ° -121.608398 °	38.286342 ° -121.608183 °	33
DWR ID: DWR_RD0501_03_s_2012_33										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 501 Unit 3 looking downstream from levee mile 0.00 landside slope. Photo taken 4-25-2012.	
phillips_s_20120524_450.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.10
End Levee Mile	0.79
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking downstream from waterside slope. Photo taken 4-25-2012	
phillips_s_20120524_455.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.10
End Levee Mile	0.64
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream landward levee mile 0.01. Photo taken 4-25-2012.	
phillips_s_20120524_451.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	12
Start Levee Mile	2.65
End Levee Mile	2.77
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking upstream from downstream end waterside.	
phillips_s_20120306_180.jpg	



Levee Mile Report Line	12
Start Levee Mile	2.65
End Levee Mile	2.77
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking upstream from levee mile 2.77.	
phillips_s_20120306_181.jpg	



Levee Mile Report Line	13
Start Levee Mile	2.66
End Levee Mile	2.78
Location	Water Side
Category	Earthen Levee
Item	Vegetation
RD 501 Unit 3 levee mile 2.66-2.78 waterside looking downstream. Photo taken 11-29-2011.	
phillips_s_20120306_175.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking downstream from levee mile 3.52 wild growth has overtaken slope on waterside. Taken 11-03-2010	
phillips_s_20120306_182.jpg	



Levee Mile Report Line	14
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Levee mile 3.52 standing on waterside looking upstream wild growth. Photo taken 11-03-2010	
phillips_s_20120306_183.jpg	



Levee Mile Report Line	14
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Levee mile 3.55 land side tree growth on slope, you can't see the slope for wild growth. These trees has not been trimmed. Photo taken 11-03-2010	
phillips_s_20120306_184.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
New photo of waterside levee mile 3.52 to 3.55 looking downstream. Photo taken 4-19-11.	
phillips_s_20120306_185.jpg	



Levee Mile Report Line	18
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Levee mile 3.69 tree growth has blocked view of levee on the land side.	
phillips_s_20120306_186.jpg	



Levee Mile Report Line	18
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Levee mile 3.69 to 3.70 new photo of the unsatisfactory growth on the landside levee slope. Photo taken 4-19-11.	
phillips_s_20120306_188.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	18
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

RD 501 Unit 3 looking downstream from levee mile 3.68- 3.70. Photo taken 4-25-2012.

phillips\_s\_20120524\_453.jpg



Levee Mile Report Line	20
Start Levee Mile	3.79
End Levee Mile	4.82
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking downstream from landside unsatisfactory growth of wild berries on slope and toe. Photo taken 4-25-2012.

phillips\_s\_20120524\_454.jpg



Levee Mile Report Line	24
Start Levee Mile	5.50
End Levee Mile	5.50
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

The photo here shows caving due to a bad irrigation pipe within levee section. Photo taken 11-07-2011

phillips\_s\_20120306\_173.jpg



<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b></p> <p>Ma : Maintenance Deficiency Ob : Design &amp; System Obsolescence En : Enforcement</p>
---	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	24
Start Levee Mile	5.50
End Levee Mile	5.50
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Another photo taken of the same. Photo taken 11-07-2011

phillips\_s\_20120306\_174.jpg



Levee Mile Report Line	26
Start Levee Mile	6.43
End Levee Mile	6.52
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

New photo of waterside unsatisfactory growth levee mile 6.43 to 6.55 looking downstream. Photo taken 4-19-11.

phillips\_s\_20120306\_178.jpg



Levee Mile Report Line	26
Start Levee Mile	6.43
End Levee Mile	6.52
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee miles 6.43-6.52 waterside slope, can't see the levee section. Photo taken 4-25-2012.

phillips\_s\_20120524\_460.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles
Unit No. 04 Sutter Slough	Right	2.33

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2012 - 4/25/2012			
DWR Inspector	Herman Phillips			
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough		Right	2.33	04/25/2012 04/25/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.285591 ° -121.606317 °	38.285591 ° -121.606317 °	5 Y
DWR ID: DWR_RD0501_04_s_2012_5										
2	0.02	0.02	Earthen Levee	Vegetation	WS Ma	M	V4 : Elderberries are blocking visibility and flood fight capability.	38.254025 ° -121.601752 °	38.254025 ° -121.601752 °	25 Y
DWR ID: DWR_RD0501_04_s_2012_25										
3	0.50	1.15	Earthen Levee	Vegetation	LS Ma	C	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.263086 ° -121.601883 °	38.270839 ° -121.604413 °	3 Y
DWR ID: DWR_RD0501_04_s_2012_3										
4	0.79	0.79	Earthen Levee	Trim / Thin Trees	LS Ma	M	T1 : Trim trees to at least five feet above ground level.	38.275540 ° -121.602223 °	38.275473 ° -121.602248 °	4 Y
DWR ID: DWR_RD0501_04_s_2012_4										
5	1.01	1.01	Earthen Levee	Trim / Thin Trees	LS Ma	M	T1 : Trim trees to at least five feet above ground level.	38.272733 ° -121.603940 °	38.272700 ° -121.603953 °	7 Y
DWR ID: DWR_RD0501_04_s_2012_7										
6	1.21	1.34	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District need to remove the wild berries from the levee section	38.263086 ° 121.601883 °	38.268178 ° 121.603763 °	1 Y
DWR ID: DWR_RD0501_04_s_2012_1										
7	1.26	1.27	Earthen Levee	Trim / Thin Trees	LS Ma	M	T1 : Trim trees to at least five feet above ground level.	38.269173 ° -121.604218 °	38.269050 ° -121.604170 °	9 Y
DWR ID: DWR_RD0501_04_s_2012_9										
8	1.50	1.56	Earthen Levee	Trim / Thin Trees	LS Ma	M	T1 : Trim trees to at least five feet above ground level.	38.265997 ° -121.602758 °	38.265233 ° -121.602510 °	26 Y
DWR ID: DWR_RD0501_04_s_2012_26										
9	1.63	1.63	Earthen Levee	Encroachments	WS Ma	M	GA : Garbage	38.264223 ° -121.602140 °	38.264223 ° -121.602140 °	6 Y
DWR ID: DWR_RD0501_04_s_2012_6										
10	1.67	1.76	Earthen Levee	Trim / Thin Trees	LS Ma	M	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	38.263565 ° -121.602013 °	38.262287 ° -121.601722 °	12 Y
DWR ID: DWR_RD0501_04_s_2012_12										
11	1.84	1.87	Earthen Levee	Trim / Thin Trees	LS Ma	U	T2 : Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The District needs to remove the fig trees from levee section or thin them out in order for inspection of levee section. The young oak trees shown in the photo should be removed before they mature into large trees.	38.261142 ° -121.601542 °	38.260653 ° -121.601435 °	14 Y
DWR ID: DWR_RD0501_04_s_2012_14										
12	1.84	1.85	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping	38.261283 ° -121.601488 °	38.261032 ° -121.601635 °	8 Y
DWR ID: DWR_RD0501_04_s_2012_8										
13	2.05	2.11	Earthen Levee	Vegetation	LS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.258276 ° -121.600798 °	38.263086 ° 121.601883 °	2 Y
DWR ID: DWR_RD0501_04_s_2012_2										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	04/25/2012 04/25/2012	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
14	2.18	2.20	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.256275 ° -121.600933 °	38.255990 ° -121.601015 °	13
								DWR ID: DWR_RD0501_04_s_2012_13		
15	2.21	2.32	Earthen Levee	Vegetation	LS	U En	V6 : Landscaping	38.255877 ° -121.601057 °	38.254382 ° -121.601498 °	16 Y
								DWR ID: DWR_RD0501_04_s_2012_16		

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 501 Unit 4 looking downstream from levee 0.00 landside. Photo taken 4-25-2012.	
phillips_s_20120524_456.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
RD 501 Unit 4 levee mile 184-1.87 looking downstream landside. Photo taken 11-29-2011.	
phillips_s_20120306_198.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Levee mile 1.84-1.87. Photo taken 4-25-2012.	
phillips_s_20120524_457.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	04/25/2012 04/25/2012	Herman Phillips

Levee Mile Report Line	13
Start Levee Mile	2.05
End Levee Mile	2.11
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 2.05-2.11 unsatisfactory wild growth taken over the landside levee section. Photo taken 4-25-2012.	
phillips_s_20120524_458.jpg	



Levee Mile Report Line	15
Start Levee Mile	2.21
End Levee Mile	2.32
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 2.21-2.32 landward overgrown slope and toe. Can't see the levee for the wild growth. Photo taken 4-25-2012.	
phillips_s_20120524_459.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---